PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under	the Paperwork Reduction Act	of 1995, no persons are required t		tion unless it contains a valid OMB control number.	
Subs	titute for form 1449/PTO		Complete if Known		
	•		Application Number		
· INI	EODRATION F	NECL OSLIDE	Filing Date		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	HOGLE et al.	
			Art Unit		
(Use as many sheets as necessary)		Examiner Name			
Sheet	1 91	1	Attorney Docket Number	M03A445	

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (ff known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RB/	1	<sup>US-</sup> 2 879 212	03-24-1959	Hill et al.	
/RB/	2	<sup>US-</sup> 3 642 603	02-15-1972	Sakai et al.	
/RB/	3	us- 3 707 457	12-26-1972	Pollock	
/RB/	4	<sup>US-</sup> 3 773 644	11-20-1973	Tricoli et al.	
/RB/	5	<sup>US-</sup> 4 125 443	11-14-1978	Grant et al.	
/RB/	6	<sup>US-</sup> 4 139 447	02-13-1979	Faron et al.	
/RB/	7	<sup>US-</sup> 4 176 018	11-27-1979	Faron et al.	
/RB/	8	<sup>US-</sup> 4 284 617	08-18-1981	Bowen et al.	
/RB/	9	<sup>US-</sup> 4 511 440	04-16-1985	Saprokhin et al.	
/RB/	10	<sup>US-</sup> 5 207 999	05-04-1993	Burk et al.	
/RB/	11	<sup>US-</sup> 5 378 324	01-03-1995	Hodgson	
/RB/	12	<sup>US-</sup> 6 210 549 B1	04-03-2001	Tharp	
/RB/	13	<sup>US-</sup> 2003/0098038 A1	05-29-2003	Siegele et al.	
/RB/	14	US- 2003/0121796 A1	07-03-2003	Siegele et al.	
		US-			
		US-			
		US-			
	1	US-			
		US-			

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	7 pp. canto a constraint	Or Relevant Figures Appear	Τ'
/RB/	15	GB 852,369	10-26-1960	Davies et al.		
/RB/	16	FR 2.082.366	12-10-1971	Caron et al.		
/RB/	17	FR 2.145.063	02-16-1973	Caron et al.		
/RB/	18	RU 2 198 962 C2	02-20-2003	Zusajlov Ju.N.		Ľ
/RB/	19	WO 03/056066 A2	07-10-2003	L'Air Liquide		L

	<u> </u>	 	
Examiner Signature	/Randy Boyer/	Date Considered	10/5/07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

the appropriate symbols as indicated on the document under vitro standard 31.10 ii possible. Paper and the property of the public which is to file (and by the Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE on Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/759,973			
Filing Date	January 16, 2004			
First Named Inventor	Richard A. HOGLE			
Art Unit	3641			
Examiner Name				
Attorney Docket Number	M03A445			

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RB/	AA	<sup>US-</sup> 6,074,618	06-13-2000	Leander Furst et al	
		US-			
		US-			
		US-			
	Ī .	US-			
		US-			
	Î	US-			
		US-			
		U\$-			
		US-			
		U\$-			
		US-			
		US-	*		
		US-			
		US-	·	·	
		US-			

Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
AB	EP1 367 149 A1	12-03-2003	Yoyo Tanso Co., LTD.		
AC	DE 41 36 885	02-11-1993	Hans Hollmuller	*with abstract	J
					Ļ
					╄
					Ļ
	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>8</sup> (if known)  AB EP1 367 149 A1	Cite No.   Foreign Patent Document   Publication Oate   MM-DD-YYYY	No. <sup>1</sup> Date MM-DD-YYYY  AB EP1 367 149 A1 12-03-2003 Yoyo Tanso Co., LTD.	Cite No.   Foreign Patent Document   Publication Date   Name of Patentee or Applicant of Cited Document   Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear    AB   EP   367   149   A1   12-03-2003   Yoyo Tanso Co., LTD.   Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear   Yoyo Tanso Co., LTD.

Commissions			
Examiner	/Pandy Royar/	Date	10/5/07
Signature	/Randy Boyer/	Considered	10/5/0/

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Pattent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (07-05)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Decollection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known		
, ,	710.101111 (4401.10			Application Number	10/759,973	
INFC	RMATIO	N DIS	CLOSURE	Filing Date	January 16, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Richard A. HOGLE	
	(Use as many si	hoote on ne	ecocond	Art Unit	3641	
	(Oso as many si	10013 03 110	oc Basary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	M03A445	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/RB/	AD	European Search Report Dated September 14, 2005	
		·	

Examine		Date	
Signatur	e   /Randy Boyer/	Considered	10/5/07

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.